

08/06/03  
14023 U.S. PTO

**UTILITY  
PATENT APPLICATION  
TRANSMISSION**

Our Docket No.

A-68950-3  
469249-TBD

Date:

August 6, 2003

First Named Inventor: KAIN et al.

Title: ALTERNATIVE SUBSTRATES AND FORMATS  
FOR BEAD-BASED ARRAY OF ARRAYS™

Express Mail No.: EV 304474680 US

I hereby certify that this correspondence is being deposited  
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Commissioner for Patents, Mail Box NEW  
APPLICATIONS, P.O. Box 1450, Alexandria, Virginia  
22313-1450 on this 6<sup>th</sup> day of August, 2003.

*Victor R. L. Paulsen*  
Printed name: *VICTOR R. L. Paulsen*

**Mail Stop Patent Application**  
**ADDRESS TO: Commissioner for Patents**  
**P. O. Box 1450**  
**Alexandria, Virginia 22313-1450**

**APPLICATION ELEMENTS**

1. ☒ Fee Calculation Sheet  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status
3. ☒ Specification Total Pages: 63
  - ☒ Descriptive title of the invention
  - ☒ Cross References to Related Applications
  - ☐ Statement Regarding Fed. Sponsored R&D
  - ☐ Reference to Microfiche Appendix
  - ☒ Background of the Invention
  - ☐ Brief Summary of the Invention
  - ☒ Brief Description of the Drawings
  - ☒ Summary
  - ☒ Claims
  - ☒ Abstract
4. ☒ Informal Drawings (35 U.S.C. 113) Total Sheets: 16
5. ☐ Oath or Declaration Total Pages: 4
  - a. ☐ Newly Executed (original or copy)
  - b. ☒ Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional with Box 19 completed)
    1. ☐ **DELETION OF INVENTORS**  
Signed statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b))
6. ☐ Application Data Sheet (37 C.F.R. 1.76)

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(If applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identify of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10. ☐ Assignment Papers (cover sheet & document(s))
11. ☐ 37 C.F.R. 3.73(b) Submission
12. ☐ Power of Attorney
13. ☐ English Translation Document (if applicable)
14. ☐ Information Disclosure Statement  
(with Copies of Citations as necessary)
15. ☐ Preliminary Amendment Total Pages:
16. ☒ Return Receipt Postcard  
(Should be specifically itemized)
17. ☐ Certified Copy of Priority document(s)  
(if foreign priority is claimed)
18. ☒ Notification of Processing and Retention Fee Filing in  
Parent Application Serial No. 09/782,588.

19. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:  
☒ Continuation ☐ Division ☐ Continuation-in-part (CIP) of prior Application No.: 09/782,588, filed 02/12/2001,  
which claims priority to prior Provisional Application No. 60/181,631, filed February 10, 2000

For continuation or divisional applications: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference

**CORRESPONDENCE ADDRESS**

|           |   |                                       |                         |
|-----------|---|---------------------------------------|-------------------------|
| ATTY NAME | David J. Brezner, Reg. No. 24,774<br>Attorney for Applicant   | <i>David J. Brezner</i><br>SIGNATURE: | DATE:<br>August 6, 2003 |
| ADDRESS   | DORSEY & WHITNEY LLP<br>Four Embarcadero Center, Suite 3400<br>San Francisco, California 94111-4187 | Customer Number: 32940                |                         |
| TELEPHONE | (415) 781 1989  | FAX                                   | (415) 398-3249          |

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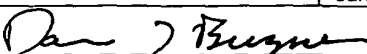
# APPLICATION FEE TRANSMITTAL SHEET (FY 2003)

Complete if Known

|                      |                       |
|----------------------|-----------------------|
| Application No.      | TBD                   |
| Filing Date          | August 6, 2003        |
| First Named Inventor | KAIN, et al.          |
| Group Art Unit       | TBD                   |
| Examiner Name        | TBD                   |
| Atty. Docket Number  | A-68950-3, 469249-TBD |

| METHOD OF PAYMENT (Check One)   |                  |   |                 | FEE CALCULATION (Continued)       |                  |  |          |
|---|------------------|---|-----------------|-----------------------------------|------------------|--|----------|
| 1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:<br>Deposit Account No.: <u>50-2319</u><br>Deposit Account Name: <u>DORSEY &amp; WHITNEY LLP</u><br><input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17<br><input type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27) |                  |   |                 | <b>3. ADDITIONAL FEES</b>         |                  |  |          |
| 2. <input checked="" type="checkbox"/> Check Enclosed   |                  |   |                 | Large Entity Fee                  | Small Entity Fee | Fee Description  | Fee paid |
| <b>FEE CALCULATION</b>  |                  |   |                 | 50                                | 25               | Surcharge - late provisional filing fee or cover sheet                     |          |
| <b>1. BASIC FILING FEE</b>  |                  |   |                 | 130                               | 65               | Surcharge - Late nonprovisional filing fee or oath                         |          |
| Large Entity Fee  | Small Entity Fee | Fee Description   |                 | 180                               | 180              | Submission of IDS  |          |
| 160   | 80               | <input type="checkbox"/> Provisional Filing Fee         |                 | 40                                | 40               | Recording each patent assignment per property (times number of properties) |          |
| 750   | 375              | <input checked="" type="checkbox"/> Utility Filing Fee  |                 | 110                               | 55               | Extension for reply within first month                                     |          |
| 330   | 165              | <input type="checkbox"/> Design Filing Fee              |                 | 410                               | 205              | Extension for reply within second month                                    |          |
| 750   | 375              | <input type="checkbox"/> Reissue Filing Fee             |                 | 930                               | 465              | Extension for reply within third month                                     |          |
| Subtotal (1) \$375.00   |                  |   |                 | 1,450                             | 725              | Extension for reply within fourth month                                    |          |
| <b>2. EXTRA* CLAIM FEES</b>   |                  |   |                 | 1,970                             | 985              | Extension for reply within fifth month                                     |          |
| Number Claims   | Prior            | Extra   | Fee from Below* | 750                               | 375              | Submission After Final 1.129   |          |
| Total 33  | -                | 20  | = 13 x \$9.00 = | 320                               | 160              | Notice of Appeal   |          |
| Indep. 5  | -                | 3   | = 2 x \$42.00 = | 320                               | 160              | Filing a brief in support of an appeal                                     |          |
| Multiple Dependent Claims   |                  |   | = x \$140.00 =  | 280                               | 140              | Request for oral hearing   |          |
| Subtotal (2) \$341.00   |                  |   |                 | 110                               | 55               | Terminal Disclaimer Fee  |          |
| <b>*Calculation of Extra Claim Fees</b>   |                  |   |                 | 130                               | 130              | Petitions to the Commissioner  |          |
| Large Entity Fee  | Small Entity Fee | Fee Description   |                 | 50                                | 50               | Petitions related to provisional applications                              |          |
| 18  | 9                | Claims in excess of 20                                  |                 | 1,300                             | 650              | Utility/Reissue Issue Fee (including advance copies)                       |          |
| 84  | 42               | Independent claims in excess of 3                       |                 | 470                               | 235              | Design Issue Fee (inc. advance copies)                                     |          |
| 280   | 140              | Multiple dependent Claim                                |                 | 750                               | 375              | Request for Continued Examination (RCE)                                    |          |
| 84  | 42               | Reissue independent claims over original patent         |                 | 300                               | 300              | Publication fee for early, voluntary, or normal publication                |          |
| 18  | 9                | Reissue claims in excess of 20 and over original patent |                 | 300                               | 300              | Publication fee for re-publication   |          |
|   |                  |   |                 | 110                               | 55               | Petition to Revive - unavoidable   |          |
|   |                  |   |                 | 1,300                             | 650              | Petition to Revive - unintentional   |          |
|   |                  |   |                 | OTHER FEE (specify):              |                  |  |          |
|   |                  |   |                 | Subtotal (3)                      |                  |  |          |
|   |                  |   |                 | Total Amount of Payment: \$716.00 |                  |  |          |

Submitted by:

|  |   |                         |
|--|---|-------------------------|
| Name: David J. Brezner   | Reg. No.: 24,774  | Telephone: 415-781-1989 |
| DORSEY & WHITNEY LLP   | Four Embarcadero Center, Suite 3400<br>San Francisco, California 94111-4187 | Customer Number 32940   |
| Signature:  |   | Date: August 6, 2003    |

**PATENT**  
Attorney Docket No.: A-68950-3/RMS/KJC  
469249-TBD

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                 |   |                          |
|---------------------------------|---|--------------------------|
| In re application of:           | ) |                          |
|                                 | ) |                          |
| KAIN, et al.                    | ) | Examiner: To Be Assigned |
|                                 | ) |                          |
| Serial No. TO BE ASSIGNED       | ) | Art Unit: 1634           |
|                                 | ) |                          |
| Filed: HEREWITH                 | ) |                          |
|                                 | ) |                          |
| For: ALTERNATIVE SUBSTRATES AND | ) |                          |
| FORMATS FOR BEAD BASED          | ) |                          |
| <u>ARRAYS FOR ARRAYS™</u>       | ) |                          |

**EXPRESS MAIL CERTIFICATE**

"Express Mail" mailing label number EV 304474680 US date of deposit August 6, 2003. I hereby certify that this correspondence, including listed enclosures, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner of Patents, Box Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

SIGNED



**NOTIFICATION OF PROCESSING**  
**AND RETENTION**  
**FEE FILING IN PARENT**

Box Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Filed herewith is notification that a processing and retention fee pursuant to 37 C.F.R. §1.21(l), was filed in parent application, U.S. Serial No. 09/782,588, filed February 12, 2001, of which the above-captioned application is a continuing application. The processing and retention fee was filed to retain the filing date of the parent application, U.S. Serial No. . 09/782,588, in the current continuation application pursuant to 37 C.F.R. §1.53(d). Accordingly, under 37 C.F.R. §1.53(d), the parent application is pending, and continuing status is correct.

The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2319 (Our Order No. A-68950-3/RMS/KJC).

Respectfully submitted,

DORSEY & WHITNEY LLP



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Robin M. Silva, Reg. No. 38,304

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Dated: August 6, 2003